

Title (en)

METHODS, USES AND COMPOSITIONS OF TIE2 AGONISTS

Title (de)

VERFAHREN, VERWENDUNGEN UND ZUSAMMENSETZUNGEN VON TIE2-AGONISTEN

Title (fr)

MÉTHODES, UTILISATIONS ET COMPOSITIONS D'AGONISTES DE TIE2

Publication

EP 2983695 A4 20160928 (EN)

Application

EP 14783323 A 20140319

Priority

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Abstract (en)

[origin: WO2014165963A1] The present disclosure provides methods and uses of Tie2 agonists alone or in combination with antiviral agents. In particular, the present disclosure provides methods and uses for treating influenza, treating a bacterial superinfection associated with influenza and decreasing lung endothelial leakage. The disclosure also provides compositions comprising (a) a Tie2 agonist and (b) an antiviral agent and methods and uses thereof.

IPC 8 full level

A61K 38/08 (2019.01); **A61K 38/18** (2006.01); **A61K 31/13** (2006.01); **A61K 31/195** (2006.01); **A61K 31/216** (2006.01); **A61K 31/351** (2006.01); **A61K 31/7056** (2006.01); **A61K 39/395** (2006.01); **A61K 47/48** (2006.01); **A61P 31/16** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [XY] WO 2010081172 A1 20100715 - AKEBIA THERAPEUTICS INC [US], et al
- [YD] WU X ET AL: "A novel small peptide as a targeting ligand for receptor tyrosine kinase Tie2", BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, ACADEMIC PRESS INC. ORLANDO, FL, US, vol. 315, no. 4, 19 March 2004 (2004-03-19), pages 1004 - 1010, XP004491586, ISSN: 0006-291X, DOI: 10.1016/J.BBRC.2004.01.157
- [YD] TOURNAIRE R ET AL: "A short synthetic peptide inhibits signal transduction, migration and angiogenesis mediated by Tie2 receptor", EMBO REPORTS, XX, XX, vol. 5, no. 3, 1 January 2004 (2004-01-01), pages 262 - 267, XP002321017, DOI: 10.1038/SJ.EMBOR.7400100
- [YD] S. DAVID ET AL: "Effects of a synthetic PEG-ylated Tie-2 agonist peptide on endotoxemic lung injury and mortality", AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY, vol. 300, no. 6, 18 March 2011 (2011-03-18), pages 851 - 862, XP055294352, ISSN: 1040-0605, DOI: 10.1152/ajplung.00459.2010
- [Y] DARWISH ILYSE ET AL: "Immunomodulatory therapy for severe influenza.", EXPERT REVIEW OF ANTI-INFECTIVE THERAPY JUL 2011, vol. 9, no. 7, July 2011 (2011-07-01), pages 807 - 822, XP009191315, ISSN: 1744-8336
- [IPY] SUSAN M. ARMSTRONG ET AL: "The lung microvascular endothelium as a therapeutic target in severe influenza", ANTIVIRAL RESEARCH, vol. 99, no. 2, 1 August 2013 (2013-08-01), NL, pages 113 - 118, XP055294243, ISSN: 0166-3542, DOI: 10.1016/j.antiviral.2013.05.003
- See references of WO 2014165963A1

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